

February 15th 2008, J. Wresnik

### Comparison of uniformsky schedules with different optimization options

Specifications:

schedules: st16uni\_30\_6\_230X\_0\_0  
st16uni\_45\_9\_230X\_0\_0  
st16uni\_60\_12\_230X\_0\_0  
st16uni\_120\_12\_230X\_0\_0

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec<sup>2</sup>/sec

grd: 0.5 psec<sup>2</sup>/sec

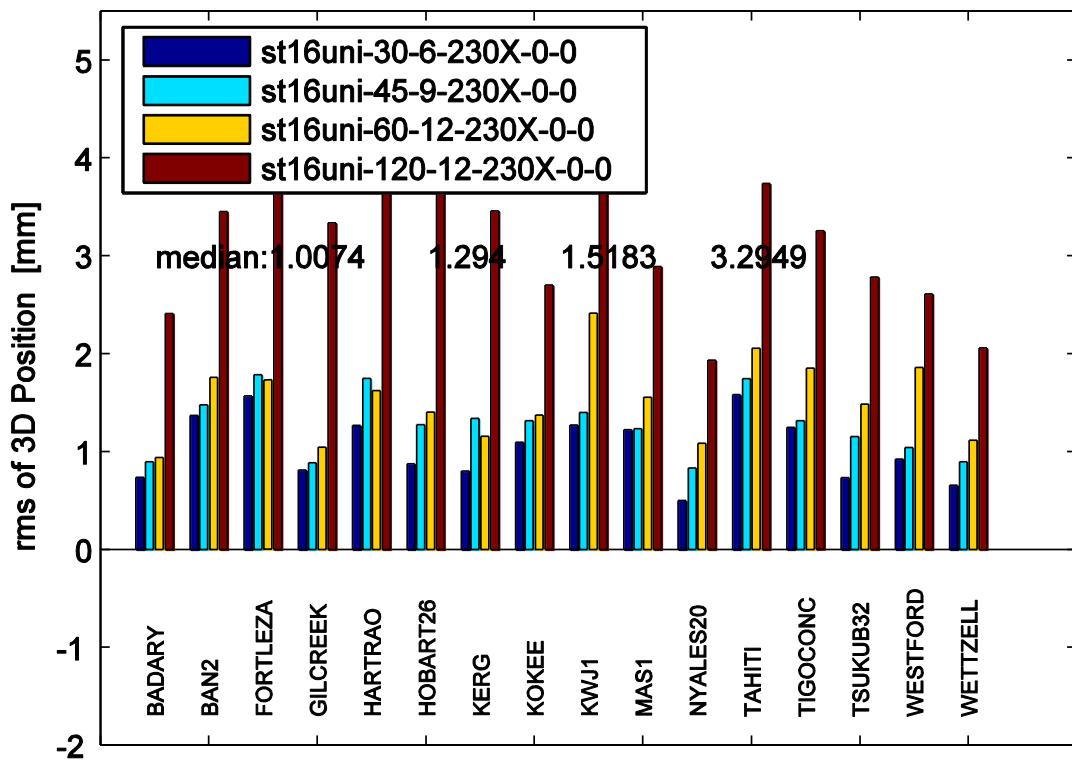


Figure1: 3Drms station position. Median: 1.0; 1.3; 1.5 & 3.3.

schedules: st16uni\_30\_6\_230X\_1\_5  
st16uni\_45\_9\_230X\_1\_5  
st16uni\_60\_12\_230X\_1\_5

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec<sup>2</sup>/sec

grd: 0.5 psec<sup>2</sup>/sec

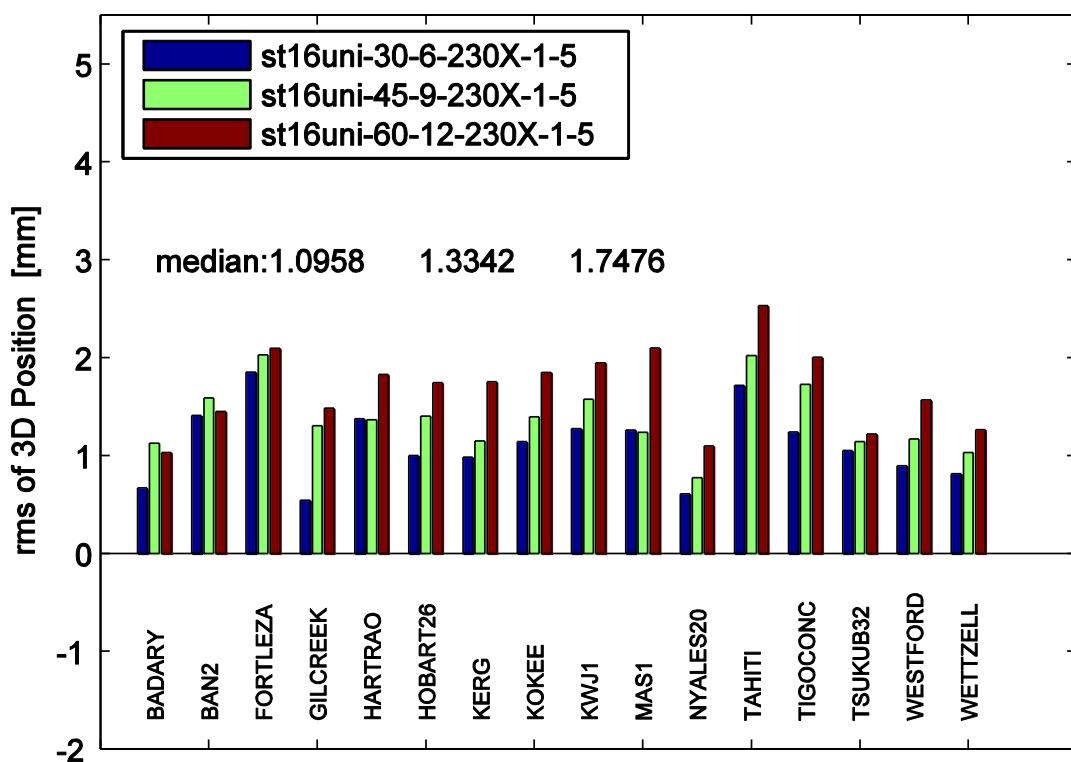


Figure 2: 3Drms station position. Median: 1.1; 1.3 & 1.7.

schedules: st16uni\_30\_6\_230X\_0\_0  
st16uni\_30\_6\_230X\_1\_5

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec<sup>2</sup>/sec

grd: 0.5 psec<sup>2</sup>/sec

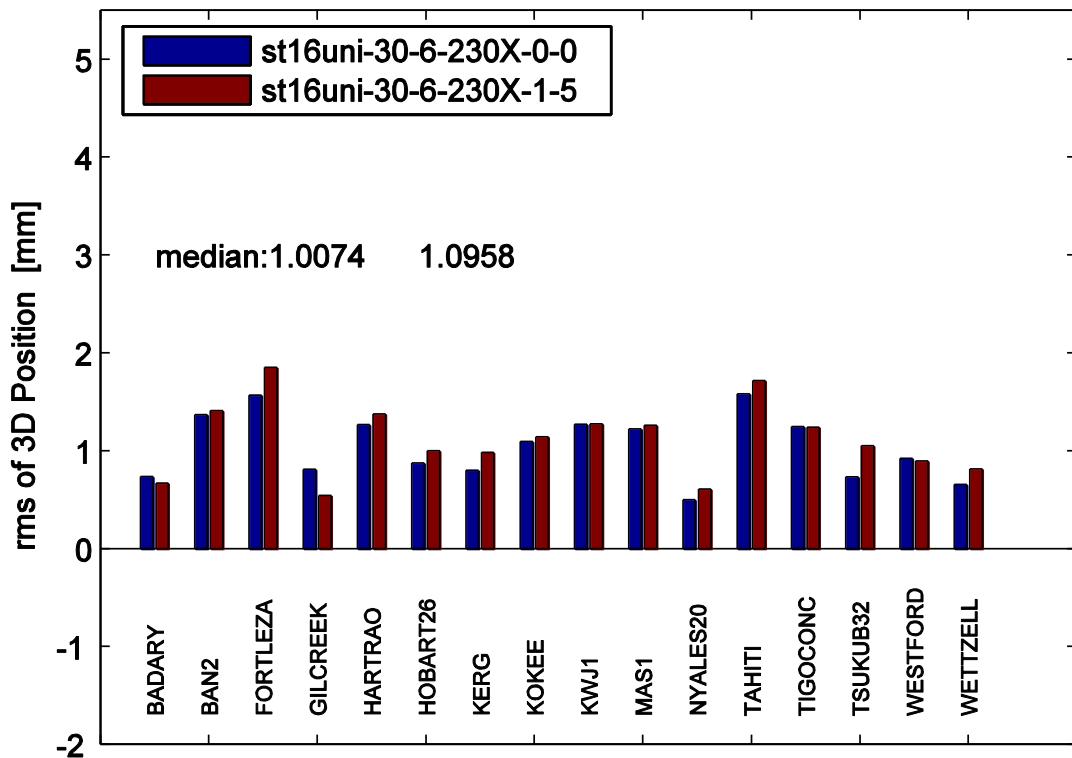


Figure 3: 3Drms station position. Median: 1.0 & 1.1.

schedules: st16uni\_45\_9\_230X\_0\_0  
 st16uni\_45\_9\_230X\_0\_12  
 st16uni\_45\_9\_230X\_1\_0  
 st16uni\_45\_9\_230X\_1\_5  
 st16uni\_45\_9\_230X\_1\_12

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec<sup>2</sup>/sec

grd: 0.5 psec<sup>2</sup>/sec

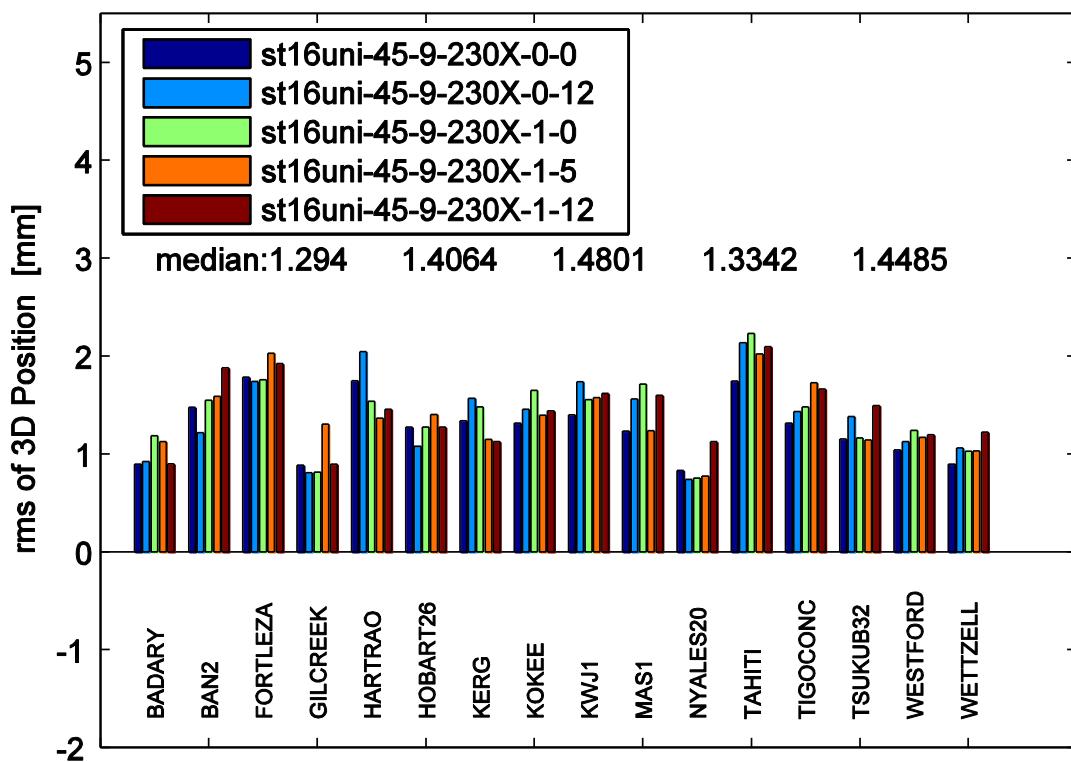


Figure 4: 3Drms station position. Median: 1.3; 1.4; 1.5; 1.3 & 1.4.

schedules: st16uni\_60\_12\_230X\_0\_0  
 st16uni\_60\_12\_230X\_1\_0  
 st16uni\_60\_12\_230X\_1\_5

software: OCCAM Kalman

clk: ASD 1e-14 @ 50 min, random walk + integrated random walk

zwd: Vienna turbulence (standard)

wn: 4 ps per station

zwd: 0.7 psec<sup>2</sup>/sec

grd: 0.5 psec<sup>2</sup>/sec

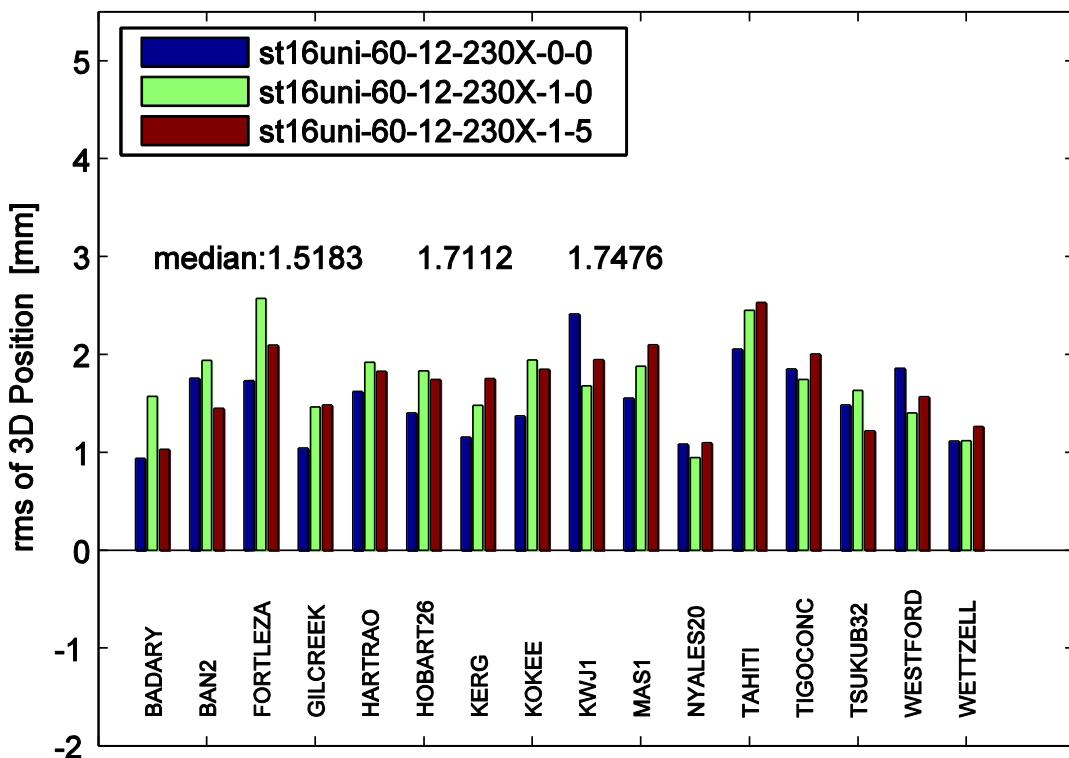


Figure 5: 3Drms station position. Median: 1.5; 1.7 & 1.7.